

WHAT IS CLAIMED IS:

sub ~~fl~~ 1. Carbonaceous active material for a lithium secondary battery in which a differential thermal analysis conducted on the carbonaceous active material results in the displaying of at least two exothermic peaks overlapping to form shoulders.

2. The carbonaceous material of claim 1 wherein the at least two exothermic peaks occur at a temperature of 500-1000°C.

3. The carbonaceous material of claim 1 wherein the at least two exothermic peaks occur at a temperature of 500-900°C.

4. The carbonaceous material of claim 1 wherein a difference in temperature between the at least two exothermic peaks is less than 200°C.

5. The carbonaceous material of claim 1 wherein a peak intensity ratio of the active material is 1 or less.

6. The carbonaceous material of claim 1 wherein the active material includes at least one crystalline graphite primary particle coated with amorphous carbon, and the at least one crystalline graphite primary particle coated with the amorphous carbon is agglomerated and made into a spherical shape to produce secondary particles.

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